

Title (en)
JOINING METHOD

Title (de)
VERBINDUNGSVERFAHREN

Title (fr)
PROCÉDÉ D'ASSEMBLAGE

Publication
EP 3892415 A1 20211013 (EN)

Application
EP 19892199 A 20190725

Priority
• JP 2018226398 A 20181203
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Abstract (en)
A joining method including an overlapping step of overlapping a first metal member and a second metal member such that a front surface of the first metal member is opposed to a back surface of the second metal member; and a welding step of performing a laser welding and a MIG welding by using a hybrid welding machine including a preceding laser welding unit and a following MIG welding unit, in which the laser welding is performed by emitting a laser beam onto a front surface of the second metal member, the MIG welding is performed on an inner corner portion formed by the front surface of the first metal member and an end surface of the second metal member, and a target position for the laser beam from the laser welding unit is located against the second metal member relative to a target position for a MIG arc by the MIG welding unit.

IPC 8 full level
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